Telehealth: Global Medicine From Home

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Global Medicine

- Have you ever wanted to practice global medicine?
- Have you been limited by factors such as cost and time commitments?


https://www.biomedcentral.com/collections/mgh
Access to healthcare in Africa

1 – Ouma, P et al, 2018. Images reproduced under CC-BY
Physician Shortage

Density of medical doctors (per 10,000 population): Latest available

United Republic of Tanzania (2014): 0.399

Mauritius (2015): 20.246

Malawi (2016): 0.157

Kenya (2014): 1.988

2 – WHO, 2018
Delivering healthcare

Forays into telehealth

https://www.doctorswithoutborders.org/sites/default/files/MSF169175.jpg

**MSF statistics**
- 1 networks
- 770 users
- 634 referral sites
- 14140 cases

https://teledem.msf.org/msf/index.php
Forays into telehealth

- Zencey – Telehealth appointments via cell phone video chat
  - Nigeria, Ghana, Cote d’Ivoire, Cameroon, Senegal, Mali, Liberia, Sierra Leone

http://www.zencey.com
Limited cellular service

https://www.mobilecoveragemaps.com/
Satellite Wifi?

Satellite Wifi

SpaceX is leveraging its experience in building rockets and spacecraft to deploy the world's most advanced broadband internet system.
Satellite Wifi

Starlink is targeting service in the Northern U.S. and Canada in 2020, rapidly expanding to near global coverage of the populated world by 2021.

https://www.starlink.com/
The future of delivering healthcare?

Other Applications

- LGBTQ+ youth in hostile areas\(^3\)
- Substance use disorder\(^4\)
- Sexual health

Keep Our Momentum!

https://giphy.com/gifs/udHYCJ97OwV4A/html5
Bibliography

References


Resources
https://www.who.int/gho/health_workforce/physicians_density/en/
https://www.mobilecoveragemaps.com/
https://www.zencey.com/
https://www.starlink.com/
https://www.aafp.org/practice-management/health-it/telemedicine-telehealth.html
Acknowledgments

- Dr. Levounis
- Project ECHO Team
- All of you!